

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2005/000220

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61K 35/74, A61P 29/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61K, A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, IOSIS, MEDLINE, EMBASE, CHEM ABS DATA

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|-----------|--|-----------------------|
| X         | Eur Surg Res, volume 35, 2003, G. Colucci et al:<br>"Prevention of Postoperative Adhesions after<br>Abdominal Aortic Surgery", pages 167-325<br>--   | 1-18                  |
| X         | Best Practice & Research Clinical Gastroenterology,<br>vol. 17, no. 5, 2003, Stig Bengmark: "Use of some<br>pre-, pro- and synbiotics in critically ill<br>patients", page 844, paragraph 2; pages 833-848<br>--             | 1-18                  |
| X         | Nutr. Hosp, volume 18, no. 1, 2003, Stig Bengmark:<br>"Modulation by enteral nutrition of the acute<br>phase response and immune functions",<br>page 4, column 1, last paragraph - column 2,<br>paragraph 1; pages 1-5<br>-- | 1-18                  |

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

17 May 2005

Date of mailing of the international search report

19-05-2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|-----------|---|-----------------------|
| X         | Transplantation Reviews, Vol. 18, no. 1, January, 2004, Stig Bengmark: "Synbiotic Control of Inflammation and Infection in Transplantation", page 48, column 1, paragraph 7; page 48, column 1, paragraph 7; page 49, column 7, last 4 lines, pages 38-53<br><br>-- | 1-18                  |
| P,X       | WO 2004103083 A1 (SYNBIOTICS AB), 2 December 2004 (02.12.2004), page 12, line 34 - page 13, line 2<br><br>--  | 1-18                  |
| P,X       | HEPATOLOGY, vol. 39, no. 5, 2004, Qing Liu et al: "Synbiotic Modulation of Gut Flora: Effect on Minimal Hepatic Encephalopathy in Patients With Cirrhosis", pages 1441-1449<br><br>--   |                       |
| P,A       | Critical Care, volume 8, no. 1, 2004, A Möller et al: "Changes in cytokine concentration during enrichment of early enteral nutrition with lactic acid bacterium (Synbiotic 2000) after major abdominal surgery" 15 March 2004, pages 1-2<br><br>-----              | 1-18                  |

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## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 18  
because they relate to subject matter not required to be searched by this Authority, namely:  
Claim 18 relates to a method of treatment of the human or animal body by surgery or by therapy, as well as diagnostic methods /Rule 39.1(iv) . .../...
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Box II

1.

Nevertheless, a search has been executed for this claim. The search has been based on the alleged effects of the composition.

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.

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WO 2004103083 A1 02/12/2004 SE 0301516 D 00/00/0000

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